

File 348:EUROPEAN PATENTS 1978-2007/ 200725

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070621UT=20070614

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	1412522	ROW OR ROWS OR COLUMN OR COLUMNS OR VERTICAL OR HORIZONTAL OR WORDLINE? OR LINE OR LINES
S2	1253381	REPLAC??? OR REPLACEMENT? OR SUBSTITUT???? OR EXCHANG? OR - (RE OR DIS)()(PLAC??? OR PLACEMENT? ?) OR SWAP??? OR SWAPP??? OR SWITCH???
S3	290336	SUPPLANT? OR DISPLAC??? OR DISPLACEMENT? ?
S4	178182	MAP? ? OR MAPPED OR MAPPING? ?
S5	2116221	CHANG???
S6	1331265	REDUNDAN? OR SPARE? ? OR AUXILIAR? OR SUPPLEMENT? OR ALTER- NAT???? OR BACKUP? OR BACK???()UP? ? OR STANDBY? OR (STAND? ? OR STANDING)() "BY" OR ANCILLAR? OR SUPEREROGAT?
S7	853763	WORD? ? OR CELL OR CELLS OR BIT OR BITS OR BITSTRING? OR B- YTE? ? OR DOUBLEWORD? OR DWORD? OR HALFBYTE? OR 4BIT? ? OR NY- BBLE? ? OR NIBBLE? ? OR BINARY()DIGIT? ? OR DATABIT? OR BITVA- LUE?
S8	71042	S1(3N)(ENTIRE? OR COMPLETE? OR WHOLE OR FULL? ? OR TOTAL?? OR AGGREGATE)
S9	36163	S1(3N)S6
S10	2421	S9(5N)S2:S5
S11	72054	S6(3N)(S7 OR DATA)
S12	584	S10(100N)S11
S13	76	S12(100N)S8
S14	39	S13 AND AC=US/PR AND AY=(1963:2002)/PR
S15	39	S13 AND AC=US AND AY=1963:2002
S16	39	S13 AND AC=US AND AY=(1963:2002)/PR
S17	57	S13 AND PY=1963:2002
S18	62	S14:S17
S19	62	IDPAT (sorted in duplicate/non-duplicate order)
S20	59	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200740

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	1690309	ROW OR ROWS OR COLUMN OR COLUMNS OR VERTICAL OR HORIZONTAL OR WORDLINE?
S2	2667495	REPLAC??? OR REPLACEMENT? OR SUBSTITUT? OR EXCHANG? OR (RE OR DIS)()(PLAC??? OR PLACEMENT? ?) OR SWAP??? OR SWAPP??? OR - SWITCH???
S3	438437	SUPPLANT? OR DISPLAC??? OR DISPLACEMENT? ?
S4	114354	MAP? ? OR MAPPED OR MAPPING? ?
S5	1620275	CHANG???
S6	973186	REDUNDAN? OR SPARE? ? OR AUXILIAR? OR SUPPLEMENT? OR ALTER- NAT???? OR BACKUP? OR BACK???()UP? ? OR STANDBY? OR (STAND? ? OR STANDING)() "BY" OR ANCILLAR? OR SUPEREROGAT?
S7	1155179	WORD? ? OR CELL OR CELLS OR BIT OR BITS OR BITSTRING? OR B- YTE? ? OR DOUBLEWORD? OR DWORD? OR HALFBYTE? OR 4BIT? ? OR NY- BBLE? ? OR NIBBLE? ? OR BINARY()DIGIT? ? OR DATABIT? OR BITVA- LUE?
S8	14508	S1(3N)(ENTIRE? OR COMPLETE? OR WHOLE OR FULL? ? OR TOTAL?? OR AGGREGATE)
S9	15647	S1(3N)S6
S10	1229	S9(5N)S2:S5
S11	43507	S6(3N)(S7 OR DATA)
S12	16	S10 AND S11 AND S8
S13	1735199	LINE OR LINES
S14	19103	S13(3N)(ENTIRE? OR COMPLETE? OR WHOLE OR FULL? ? OR TOTAL?? OR AGGREGATE)
S15	20921	S13(3N)S6
S16	2750	S15(5N)S2:S5
S17	18	S16 AND S11 AND S14
S18	14	S17 NOT S12

File 2:INSPEC 1898-2007/Jun W3
(c) 2007 Institution of Electrical Engineers
File 6:NTIS 1964-2007/Jul W1
(c) 2007 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1884-2007/Jun W3
(c) 2007 Elsevier Eng. Info. Inc.
File 34:Scisearch(R) Cited Ref Sci 1990-2007/Jun W4
(c) 2007 The Thomson Corp
File 35:Dissertation Abs Online 1861-2007/May
(c) 2007 ProQuest Info&Learning
File 65:Inside Conferences 1993-2007/Jun 27
(c) 2007 BLDSC all rts. reserv.
File 95:TEME-Technology & Management 1989-2007/Jun W4
(c) 2007 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/May
(c) 2007 The HW Wilson Co.
File 144:Pascal 1973-2007/Jun W3
(c) 2007 INIST/CNRS
File 256:TecInfoSource 82-2007/Nov
(c) 2007 Info.Sources Inc
File 266:FEDRIP 2007/May
Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:Scisearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 56:Computer and Information Systems Abstracts 1966-2007/Jun
(c) 2007 CSA.
File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jun
(c) 2007 CSA.

Set	Items	Description
S1	4264022	ROW OR ROWS OR COLUMN OR COLUMNS OR VERTICAL OR HORIZONTAL OR WORDLINE? OR LINE OR LINES
S2	3572722	REPLAC??? OR REPLACEMENT? OR SUBSTITUT???? OR EXCHANG? OR - (RE OR DIS)()(PLAC??? OR PLACEMENT? ?) OR SWAP??? OR SWAPP??? OR SWITCH???
S3	587281	SUPPLANT? OR DISPLAC??? OR DISPLACEMENT? ?
S4	1174263	MAP? ? OR MAPPED OR MAPPING? ?
S5	4908019	CHANG???
S6	2147853	REDUNDAN? OR SPARE? ? OR AUXILIAR? OR SUPPLEMENT? OR ALTERNAT???? OR BACKUP? OR BACK???(?)UP? ? OR STANDBY? OR (STAND? ? OR STANDING)() "BY" OR ANCILLAR? OR SUPEREROGAT?
S7	6187050	WORD? ? OR CELL OR CELLS OR BIT OR BITS OR BITSTRING? OR BYTE? ? OR DOUBLEWORD? OR DWORD? OR HALFBYTE? OR 4BIT? ? OR NYBBLE? ? OR NIBBLE? ? OR BINARY()DIGIT? ? OR DATABIT? OR BITVALUE?
S8	55115	S1(3N)(ENTIRE? OR COMPLETE? OR WHOLE OR FULL? ? OR TOTAL?? OR AGGREGATE)
S9	14159	S1(3N)S6
S10	540	S9(5N)S2:S5
S11	62659	S6(3N)(S7 OR DATA)
S12	0	S10 AND S11 AND S8

File 696:DIALOG Telecom. Newsletters 1995-2007/Jun 27
(c) 2007 Dialog
File 9:Business & Industry(R) Jul/1994-2007/Jun 22
(c) 2007 The Gale Group
File 15:ABI/Inform(R) 1971-2007/Jun 27
(c) 2007 ProQuest Info&Learning
File 98:General Sci Abs 1984-2007/Jun
(c) 2007 The HW Wilson Co.
File 484:Periodical Abs Plustext 1986-2007/Jun W4
(c) 2007 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2007/Jun 23
(c) 2007 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2007/Jun 27
(c) 2007 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2007/Jun 27
(c) 2007 Business Wire.
File 369:New Scientist 1994-2007/Jan W2
(c) 2007 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 16:Gale Group PROMT(R) 1990-2007/Jun 25
(c) 2007 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2007/Jun 14
(c) 2007 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2007/Jun 25
(c)2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Jun 25
(c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Jun 25
(c) 2007 The Gale Group
File 624:McGraw-Hill Publications 1985-2007/Jun 06
(c) 2007 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2007/Jun 25
(c) 2007 The Gale Group
File 647:CMP Computer Fulltext 1988-2007/Sep W1
(c) 2007 CMP Media, LLC
File 674:Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications

Set	Items	Description
S1	12804526	ROW OR ROWS OR COLUMN OR COLUMNS OR VERTICAL OR HORIZONTAL OR WORDLINE? OR LINE OR LINES
S2	12376981	REPLAC??? OR REPLACEMENT? OR SUBSTITUT???? OR EXCHANG? OR - (RE OR DIS)()(PLAC??? OR PLACEMENT? ?) OR SWAP??? OR SWAPP??? OR SWITCH???
S3	318778	SUPPLANT? OR DISPLAC??? OR DISPLACEMENT? ?
S4	1150246	MAP? ? OR MAPPED OR MAPPING? ?
S5	12333878	CHANG???
S6	5442174	REDUNDAN? OR SPARE? ? OR AUXILIAR? OR SUPPLEMENT? OR ALTER- NAT???? OR BACKUP? OR BACK???(?)UP? ? OR STANDBY? OR (STAND? ? OR STANDING)() "BY" OR ANCILLAR? OR SUPEREROGAT?
S7	6379218	WORD? ? OR CELL OR CELLS OR BIT OR BITS OR BITSTRING? OR B- YTE? ? OR DOUBLEWORD? OR DWORD? OR HALFBYTE? OR 4BIT? ? OR NY- BBLE? ? OR NIBBLE? ? OR BINARY()DIGIT? ? OR DATABIT? OR BITVA- LUE?
S8	720262	S1(3N)(ENTIRE? OR COMPLETE? OR WHOLE OR FULL? ? OR TOTAL?? OR AGGREGATE)
S9	74368	S1(3N)S6

S10	2406	S9(5N)S2:S5
S11	217879	S6(3N)(S7 OR DATA)
S12	152	S10(S)S11
S13	16	S12 AND S8
S14	8	RD (unique items)